



POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION 6 SITE NUMBER (to be assigned by HQ)
TX7595

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION TXD 980626782

A. SITE NAME Union Carbide Marine Term/OPDA		B. STREET (or other identifier) Loop 197	
C. CITY Texas City	D. STATE TX	E. ZIP CODE 77590	F. COUNTY NAME Galveston
G. OWNER/OPERATOR (if known) 1. NAME Union Carbide Corp 270 Park Avenue, New York, NY 10017		H.M. Parker-Mgr. Envir. Affairs 212/551-4515	
		2. TELEPHONE NUMBER 713/945-7411	

H. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

I. SITE DESCRIPTION Petro-chemical Terminal located on Loop 197, Texas City, Tx. OPDA for U.C. Texas City Plant located adjacent to Terminal.

J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)

CERCLA TXS 1400
RCRA TXD 008073322

K. DATE IDENTIFIED

(mo., day, & yr.)

8/11/80

L. PRINCIPAL STATE CONTACT

1. NAME Fred C. Dalbey
Meriton Coloton- Supervisor TDWR District 7

2. TELEPHONE NUMBER

713/479-5981

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☒ 3. LOW ☐ 4. NONE ☐ 5. UNKNOWN

B. RECOMMENDATION

☒ 1. NO ACTION NEEDED (no hazard) (See IV-E.)

☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:

☐ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:

b. WILL BE PERFORMED BY:

b. WILL BE PERFORMED BY:

☐ 4. SITE INSPECTION NEEDED (low priority)

C. PREPARER INFORMATION

1. NAME

Mark Riforgiat - FIT

2. TELEPHONE NUMBER

214/742-6601

3. DATE (mo., day, & yr.)

2/24/83

III. SITE INFORMATION

A. SITE STATUS

☒ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

☐ 2. INACTIVE (Those sites which no longer receive wastes.)

☐ 3. OTHER (specify):
(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

☐ 1. NO

☒ 2. YES (specify generator's four-digit SIC Code):

2813, 2821, 2841, 2865
2869, 2911

C. AREA OF SITE (in acres)

109

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE (deg.-min.-sec.)

29° 22' 09" N

2. LONGITUDE (deg.-min.-sec.)

94° 56' 43" W

E. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO

☒ 2. YES (specify):

Marine Terminal

925787

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IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER		B. STORER		C. TREATER		D. DISPOSER	
<input checked="" type="checkbox"/> 1. RAIL	<input checked="" type="checkbox"/> 1. PILE	<input checked="" type="checkbox"/> 1. FILTRATION	<input checked="" type="checkbox"/> 1. LANDFILL				
<input checked="" type="checkbox"/> 2. SHIP	<input checked="" type="checkbox"/> 2. SURFACE IMPOUNDMENT	<input checked="" type="checkbox"/> 2. INCINERATION	<input checked="" type="checkbox"/> 2. LANDFARM				
<input checked="" type="checkbox"/> 3. BARGE	<input checked="" type="checkbox"/> 3. DRUMS	<input checked="" type="checkbox"/> 3. VOLUME REDUCTION	<input checked="" type="checkbox"/> 3. OPEN DUMP				
<input checked="" type="checkbox"/> 4. TRUCK	<input checked="" type="checkbox"/> 4. TANK, ABOVE GROUND	<input checked="" type="checkbox"/> 4. RECYCLING/RECOVERY	<input checked="" type="checkbox"/> 4. SURFACE IMPOUNDMENT				
<input checked="" type="checkbox"/> 5. PIPELINE	<input checked="" type="checkbox"/> 5. TANK, BELOW GROUND	<input checked="" type="checkbox"/> 5. CHEM./PHYS. TREATMENT	<input checked="" type="checkbox"/> 5. MIDNIGHT DUMPING				
<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/> 6. BIOLOGICAL TREATMENT	<input type="checkbox"/> 6. INCINERATION				
		<input type="checkbox"/> 7. WASTE OIL REPROCESSING	<input type="checkbox"/> 7. UNDERGROUND INJECTION				
		<input type="checkbox"/> 8. SOLVENT RECOVERY	<input type="checkbox"/> 8. OTHER (specify):				
		<input type="checkbox"/> 9. OTHER (specify):					

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED Inactive Waste sites exist on the OPDA. Groundwater Monitor Wells and sampling program has been implemented for entire OPDA. Analytical Review and Compliance inspections are conducted by TDWR. No further action by FIT is recommended at the present time.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☒ 2. LIQUID ☒ 3. SOLID ☒ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☒ 1. UNKNOWN ☐ 2. CORROSIVE ☒ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☒ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☐ 9. FLAMMABLE

☐ 10. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

TDWR Shipping Control Tickets

2. Estimate the amount(specify unit of measure)of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT 270 *	AMOUNT UNKNOWN *	AMOUNT UNKNOWN *	AMOUNT 0.3 *	AMOUNT 34.1 *	AMOUNT 650 *
UNIT OF MEASURE cu. yds/mo.	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE cu. yds/mo.	UNIT OF MEASURE cu. yds/mo.	UNIT OF MEASURE cu. yds/mo.
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.
<input type="checkbox"/> (2) METALS SLUDGES	<input type="checkbox"/> (2) OTHER (specify):	<input type="checkbox"/> (2) NON-HALOGENATED SOLVENTS	<input type="checkbox"/> (2) PICKLING LIQUORS	<input type="checkbox"/> (2) ASBESTOS	<input type="checkbox"/> (2) HOSPITAL
<input checked="" type="checkbox"/> (3) POTW		<input type="checkbox"/> (3) OTHER (specify):	<input type="checkbox"/> (3) CAUSTICS	<input type="checkbox"/> (3) MILLING/ MINE TAILINGS	<input type="checkbox"/> (3) RADIOACTIVE
<input type="checkbox"/> (4) ALUMINUM SLUDGE			<input type="checkbox"/> (4) PESTICIDES	<input type="checkbox"/> (4) FERROUS SMLTG. WASTES	<input type="checkbox"/> (4) MUNICIPAL
<input type="checkbox"/> (5) OTHER (specify):			<input type="checkbox"/> (5) DYES/INKS	<input type="checkbox"/> (5) NON-FERROUS SMLTG. WASTES	<input checked="" type="checkbox"/> (5) OTHER (specify):
Primary Waste-water Sludges			<input type="checkbox"/> (6) CYANIDE	<input type="checkbox"/> (6) OTHER (specify):	Trash, glass and other uncontaminated wastes
A-dripolene Sludge			<input type="checkbox"/> (7) PHENOLS		
			<input type="checkbox"/> (8) HALOGENS		
			<input type="checkbox"/> (9) PCB		
			<input type="checkbox"/> (10) METALS		
			<input checked="" type="checkbox"/> (11) OTHER (specify):		
			Polyethylene	oils and waxes	

*Note: Quantities indicated include wastes from U.C. Texas City Plant which are disposed at the OPDA.

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

A-dripolene
Spent Olefins
Acetone
Vinyl Acetate
Polyethylene
PolyVinyl Chloride

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

The Marine Terminal/OPDA is the principal waste disposal site for the Union Carbide Texas City Plant. The OPDA (off-site Plant Disposal Area) facilities include lagoon, Storage and Landfill Disposal. Currently, 3 landfills and one (See Attachment A)

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER		X	11/9/82	Rupture of wastewater line and subsequent spill into canal
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL		X	11/9/82	Investigated by TDWR-Fish Kill attributed to spill. Follow-up by TDWR.
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS		X	11/9/82	See Above
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

Continued From Front

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- ☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☒ 3. STATE PERMIT (specify): TACB Permits
☐ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER
☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☒ 9. RCRA DISPOSER
☒ 10. OTHER (specify): TDWR Registration II 30689

B. IN COMPLIANCE?

- ☒ 1. YES ☐ 2. NO ☐ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number):

VIII. PAST REGULATORY ACTIONS

- ☐ A. NONE ☒ B. YES (summarize below)

Various Noncompliance Directives (See Attached Correspondence)

IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Compliance Inspection	3/17/81	TDWR	Waste Disposal Practices-Compliant
Compliance Inspection	4/26/82	TDWR	Inactive Waste Disposal Site inspected. Closure of site accepted by TDWR
Spill Inspection	11/9/82	TDWR/TDWD	Inspection of Wastewater Line Spill and fish kill.

X. REMEDIAL ACTIVITY (past or on-going)

- ☐ A. NONE ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Groundwater Monitoring	11/18/81	TDWR	Ongoing groundwater monitoring program of entire off-site Plant disposal area (OPDA)

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-2.

Corresponding
number on form

Additional Remark and/or Explanation

V.4.

lagoon are inactive. Most wastes produced at the plant are now sent to the Gulf Coast Waste Disposal Authority treatment facility and landfill. According to TDWR District 7 personnel, the inactive waste sites at the OPDA have not been closed out and there are no closures planned for the near future. Union Carbide has installed groundwater monitoring wells around the OPDA, and analytical results are reviewed by TDWR. The TDWR conducts annual waste disposal compliance and RCRA inspections of the facility and maintains close contact with the firm to address hazardous waste and other environmental problems.

For further information, refer to file TX 2411.